

CHOOSING THE RIGHT SOUND CONTROL MAT

Hacker Industries, Inc. offers five different Sound Control Mats to meet demanding sound-attenuating requirements for impact noise. Over 8 million of square feet of FIRM-FILL® SCM and Hacker Sound Mats have been installed in projects throughout North America. That number is expected to double in just three years time as the demand for better IIC ratings continues to increase.



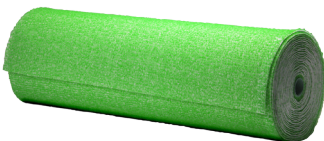
FIRM-FILL® SCM-125: a 1/8" (3mm) sound control mat, is engineered to limit impact sound transmission in multi-family construction. Ideal for when the gypsum concrete pour is not a standard thickness, FIRM-FILL® SCM-125 is topped with a minimum of 3/4" (19mm) of a FIRM-FILL® Brand Gypsum Underlayment to create an effective low profile sound control system.



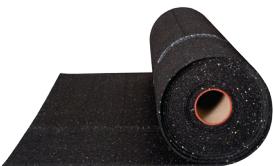
FIRM-FILL® SCM-250: is a 1/4" (6mm), random filament, corrugated, "U" groove core sound control mat designed to limit impact noise between floors. When used in conjunction with a 1" FIRM-FILL® Brand Gypsum Concrete topping, the combined system has been tested to achieve a "Light Commercial" rating from the Tile Council of North America.



FIRM-FILL® SCM-400: is a 3/8" (10mm) sound mat is efficiently engineered to limit sound transmission in multi-family construction. Ideal for when the gypsum concrete pour is not a standard thickness.



FIRM-FILL® SCM-750: is a 3/4" (19mm) sound mat, that helps create sound resistant floors with the high IIC and STC level required by IBC 2009. It is a cost-effective way to address higher IIC requirements.



Hacker Sound Mat II: an innovative sound mat is composed of 92 percent recycled rubber and is designed to provide a quieter environment and meet the most demanding project specifications.

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		Floor System			Finished Flooring	
		FIRM-FILL® SCM-125			FIRM-FILL® SCM-250	
		FIRM-FILL® SCM-400			Finished Flooring	
					Hacker Sound Mat II	
Open Web	2mm Vinyl Plank	51 IIC	53 IIC	53 IIC	7mm Laminate	53 IIC
	3mm Vinyl Tile	53 IIC	53 IIC	54 IIC	3mm LVT	50 IIC
	2mm Vinyl Sheet	51 IIC	54 IIC	53 IIC	3mm LVT over Hacker Sound Mat	52 IIC
	7mm Sheet Vinyl w/ Rubber Backing	57 IIC	58 IIC	58 IIC	3mm LVT over 5mm Encore QT4005	53 IIC
	13mm Engineered Wood	57 IIC	57 IIC	58 IIC	3mm LVT over 10mm Encore QT4010	53 IIC
Nominal Wood	2mm Vinyl Plank	50 IIC	50 IIC	52 IIC	Stone Tile	51 IIC
	3mm Vinyl Tile	52 IIC	50 IIC	53 IIC	Oak Flooring	54 IIC
	2mm Vinyl Sheet	53 IIC	51 IIC	53 IIC	2mm Vinyl Sheet	53 IIC
	7mm Sheet Vinyl w/ Rubber Backing	54 IIC	56 IIC	58 IIC	2mm Vinyl Sheet over Encore QT4005	57 IIC
	13mm Engineered Wood	54 IIC	54 IIC	57 IIC		
I-Joist	2mm Vinyl Plank	50 IIC	52 IIC	54 IIC	2mm Vinyl Sheet	52 IIC
	3mm Vinyl Tile	52 IIC	52 IIC	58 IIC		
	2mm Vinyl Sheet	53 IIC	52 IIC	54 IIC		
	7mm Sheet Vinyl w/ Rubber Backing	54 IIC	57 IIC	58 IIC		
	13mm Engineered Wood	54 IIC	57 IIC	60 IIC		